Government of Mysore, Stores Purchase Committee, Bangalore.

No. S. P. C 6573-80, dated 3rd November 1930.

To

The firms dealing in Duplicators.

Gentlemen,

The supply of a cyclostyle machine.

Please be good enough to intimate your best price and the earliest time of delivery for one cyclostyle machine required for the Government High School, Madhugiri, Tumkur District.

The prices to be quoted should be for delivery free at Mudhugiri and should reach the undersigned on or before the 15th November 1930.

No. S. P. C. 6592-6607, dated 4th November 1930.

To

The firms dealing in hardware.

Gentlemen,

MATERIALS REQUIRED FOR THE WATER SUPPLY TO THE NORTHERN EXTENSION AND KURIPALYA AT TUMKUR.

Please be good enough to intimate your best price and the earliest time of delivery for the materials described below:—

		Quantity.
1.	6″ x 4″ Tee ...	1
2.	4″ C. I. Sluice valve with tail pieces ..	1
3.	4″ Spigot socket quarter bend ...	1
4.	4″ Air valve	1
5.	4″ C. I. Tee	2
6.	2″ G. I. Pipe ...	...600 R.ft.
7.	1½″ G. I. Pipe ...	... 2,875 „
8.	¾″ G. I. Pipes for public tap ...	1,050 „
9.	3″ x 2″ reducer C. I. ..	1
10.	1½″ x ¾″ do G. I. ...	2
11.	2″ x ¾″ do G. I. ...	1
12.	2″ Gland cock gun metal	2
13.	¾″ do ...	9
14.	1½″ do ...	2
15.	2″ W. I. Plug ..	1
16.	¾″ do ...	8
17.	¾″ waste not bib cock ...	9
18.	¾″ Elbows	42
19.	¾″ Check nuts	18
20.	¾″ Collars	15
21.	6″ x 6″ C. I. Road boxes ...	13
22.	3″ C. I. Sluice valve with tail pieces	1
23.	M. S. Valve cistern covers on C. I. Frame	3
24.	1″ C. I. Pipes ...	R.ft. 360
25.	2″ x 1½″ Reducing collar ..	1
26.	1½″ x 1″ do ...	1
27.	1½″ x ¾″ x 1½″ G. I. Tee ..	2
28.	2″ x ¾″ x 2″ do ...	2
29.	2″ x 1½ x 2″ do ...	1
30.	2″ x 1″ x 2″ do ...	1
31.	1½″ x G. I. Bend ...	2
32.	1″ do	1
33.	1″ to ¾″ Reducing collar ...	1

The prices to be quoted should be for delivery f.o.r. Tumkur and should reach the undersigned on or before the 30th November 1930.

No. S. P. C. 6653-82, dated 4th November 1930.

To

THE FIRMS DEALING IN COPPER AND ALLUMINIUM WIRES.

Gentlemen,

Remodelling of Mysore Transmission Line.

Please be good enough to let us have your best quotations delivered f. o. b. British or American Port and also c. i. f. Madras for the wires described below so as to reach the undersigned on or before the 1st of December 1930:—

230 miles of No. 1/0 B. & S. hard drawn copper wire weighing approximately 1,680 lbs. per mile and 97% conductivity (Math. Std). The wire to be manufactured in accordance with the Standards of the A.S T M or the B.E S.A. The hard-drawn copper wire should have a breaking strength of not less than 4,670 lbs. with 2% elongation and must be in accordance with the brief specifications herewith attached.

Alternatively:—

230 miles Alluminium cable steel reinforced 3/0 B. & S. size, equivalent to 1/0 B. & S. copper in conductivity. The size of the conductor to be 3/0 B. & S. gauge and weight 1,227 lbs. per mile overall, of which the weight of alluminium should be 830 lbs. and steel 397 lbs., standards alluminium 6 x ·1670″ and steel 1 x ·167 ″, alluminium area 1318 sq. in.

As we want the materials urgently we shall be glad to have your quotations *by cable* so as to reach us by the above date.

Whether the wire will be supplied in coils or on drums and also how soon you will be able to supply them if an order is placed with you should be intimated.

Specifications for Bar Copper Wire.

The materials shall be copper of such quality and purity that when drawn it shall have the properties and characteristics herein required.

2. The wire in all shapes must be free from scale, inequalities, flaws, splits and all other surface imperfections not consistent with the best commercial practice.

3. The specific gravity of the copper must be 8·89 or 8·9 at 20°C.

4. The wire shall be uniformly cylindrical with permissible variations from the actual American wire gauge or the British standard gauge diameter, as shown in the accompanying table.

5. Tests :—

(*a*) *Tensile Test.*—The wire shall be so drawn that its tensile strength and elongation shall be at least equal to the value stated in the accompanying table. Tensile tests shall be made upon fair samples and the elongation shall be determined as the permanent increase in length due to the breaking of the wire in tension measured between bench marks placed upon the wire originally 10% apart. The fracture shall be between the bench marks and not closer than 1" to either mark. If upon testing a sample from any coil of wire, the results are found to be below the values stated in the table, tests upon two additional samples shall be made and the average of the three tests shall determine the acceptance or rejection of the coil.

(*b*) *Lapping Test.*—The test samples shall be closely lapped six times round a wire of its own diameter, unlapped and again closely lapped six times round the wire of its own diameter in the same direction as the first lapping without breaking.

(*c*) *Electrical Test.*—Electrical conductivity shall be determined upon fair samples by resistence measurements at a temperature of 23°C. (68°F.). The wire shall not exceed the following limits :—

For diameters 0·325 inch, 897·4 pounds per mile-ohm at 20°C. equal to 97·2 per cent Matheisson's standard.

Conductivity of hard-drawn copper wire about 0·325 inch should be not less than 97·2 based on the annealed copper.

6. All tests shall be performed at the place of manufacture and copies of test certificates duly signed by responsible officers of the manufacturing company shall be submitted when supplying the materials.

7. Guaranteed deliveries must be stated for commencing and completing despatch.

Table of Bare Copper Wire.

1.	Size of the wire	No. 1/0 B. & S.
2.	Diameter in inch	·3249 or 324·0 mils.
3	Cross section in Circular mils.	105,500 or 0·08289 at 20°C.
4.	Tensile strength in lbs. per square inch ...	Not less than 55,000
5.	Per cent elongation in 10 inches	Not more than 1·5
6.	Allowable variation of diameter in per cent either way	·50
7.	Ohms per 1,000 ft.	·09811

No. S. P. C. 6608-42, Enc. 1, dated 4th November 1930.

To

The Furniture Contractors.

Gentlemen,

SUPPLY OF FURNITURE (EDUCATION DEPARTMENT).

Please quote your best present day prices for the articles noted in the annexed schedule for free delivery at the place indicated therein. The whole order will have to be completely executed within six weeks from the date our order is entrusted. Please note that the prices quoted should be per set of one table and one stool and the total cost as per your estimates should also be entered in the tender.

The articles will be required to be manufactured according to our specifications out of the best seasoned Mysore Teak, free from knots, bends, white and sap wood or other defects. The tables will be required to be well polished and varnished and the stools should be wax finished. The articles will be subject to inspection by the Inspecting Officer of the Education Department both during manufacture and after completion and such of the articles as may be found defective during such inspection either due to bad workmanship or due to the use of bad materials, will be rejected and you will be required to replace them by sound ones according to specifications. The soundness of all the articles should be guaranteed for one year during which period the defects that may be noticed by the Department will have to be rectified by you at your cost.

In case of default, the Stores Purchase Committee will be at liberty to purchase the requirements from other sources at your expense debiting you with losses, if any, that may

be incurred by Government and also reserve the right to forfeit the security amount besides levying penalty as and by way of liquidated damages of a sum not more than 3 per cent of the value of the order not executed in time.

If the supply of the articles is entrusted to you, you should be prepared to execute an agreement undertaking to abide by the conditions of our tender as also to deposit a security a sum not less than 5 per cent of the value of the order.

This enquiry will be closed on the 25th November 1930.

SCHEDULE.

Specification of article	Quantity and the place of delivery
Teakwood Tables for Examination purposes, 2½'x1¾'x2½' with two inches square legs 7/8" top material. Supporting patties 3" wide x 1" thick. Foot rest 1¾"x1".	25 sets to the Head Mistress Maharani's High School, Mysore.
Teakwood oblong Stools, 1½'x1'x1½' with 2 inches square legs and 1" top material. Supporting patties—3" wide x 1" thick. Foot-rest 1¾" x 1".	50 sets to the Head Master, Government High School, Fort, Bangalore.
One table and one stool form one set ..	10 sets to the Head Master, Government Middle School, Seringapatam.
	15 do Magadi
	25 do Bowringpet
	25 do Sira
	25 do Pavagada
	10 do Challakere
	185 sets

N.B.—(1) The articles of furniture should be manufactured out of the best well-seasoned Mysore Teakwood.

(2) The letters D. P. I. should be carved on each article.

(3) The tables should be well polished and varnished and the stools should be wax finished.

No. S. P. C. 6849-57, *dated* 10*th November* 1930.

To

The firms dealing in Medicines.

Gentlemen,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described below :—

(1) E.C.C.O. ... ... 100 bottles of 100 cc. each.

(2) Planocaine ... ... 200 phials in 1 oz. phials.

The prices to be quoted should be for delivery f.o.r. Bangalore and should reach the undersigned on or before the 18th November 1930.

No. S. P. C. 6788-97, *dated 6th November* 1930.

To

Glass Beads and Paraffin.

Gentlemen,

Please be good enough to intimate your best prices and earliest time of delivery for the materials described below :—

(1) Glass Beads, white, globular, without holes, as per samples available at the Serum Institute for inspection ... 300 Ludies.

(2) Paraffin—Melting point to be about 40° Centigrade ... 1,000 lbs.

The prices to be quoted should be for delivery free at the Serum Institute and should reach the undersigned on or before the 20th November 1930.

No. S. P. C. 6845-48, *dated* 10*th November* 1930.

To

The Firms dealing in Eucalyptus Oil.

Gentlemen,

Please be good enough to intimate your best price and the earliest time of delivery for the material described below :—

760 lbs. of Eucalyptus Oil in tins of 38 lbs. nett.

The prices to be quoted should be for delivery f.o.r. Bangalore and should reach the undersigned on or before the 18th November 1930.

Yours faithfully,
M. S. RAMCHENDRA RAO,
Secretary, Stores Purchase Committee.